



Electronic Parts and Components

Press Release for the Trade Media

May 2009

Pressure sensors

Media-separated pressure transmitters in stainless steel

MiniCell from EPCOS is a media-separated series of calibrated temperature-compensated pressure transmitters. Thanks to its stainless steel membranes and pressure ports, the MiniCell is well suited for use in aggressive media. The electronics of the new transmitters are hermetically sealed in inert oil in ceramic packages. They are designed for a wide temperature range between -40 and +140 °C. Despite their ruggedness, they measure only 19.6 x 16.2 x 11 mm³.

At a supply voltage of 5 V, the transmitters supply an analog output voltage of between 0.5 V and 4.5 V. The maximum measurement error is only 1.5% FS over the entire temperature range.

Versions are available for measuring absolute pressure (1.0 to 25 bar), relative pressure (0.5 to 5.0 bar) and differential pressure (0.5 to 5.0 bar). Wet-wet measurement is also possible for the latter variant.

Applications areas for MiniCell transmitters include process technology, the chemical, food and water industries, and aviation measurement systems. In addition to standard versions, these components can also be supplied as customer-specific packages for standalone applications.

You can download the text of this press release and the related images from www.epcos.com/tradepress
Further information on this topic can be found at www.epcos.com/pressure_sensors

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